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UTILITY PATENT APPLICATION TRANSMITTAL <small>Only for new nonprovisional applications under 37 CFR 1.53(b)(1)</small>		Attorney Docket No. 04983.0119.US01/38-21(15598)B
		First Named Inventor or Application Identifier BYRUM
Title	Nucleic Acid Molecules and Other Molecules Associated with Plants	
Express Mail Label No. 		

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <i>(Submit an original and a duplicate for fee processing)</i>	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages 770] <i>(preferred arrangement set forth below)</i>	7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
- Descriptive title of the Invention	<input checked="" type="checkbox"/> Computer Readable Copy
- Cross References to Related Applications	<input checked="" type="checkbox"/> Paper Copy (identical to computer copy)
- Statement Regarding Fed sponsored R&D	<input checked="" type="checkbox"/> Statement verifying identity of above
- Reference to Microfiche Appendix	copies
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claims	
- Abstract of the Disclosure	
3. <input type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets]	
4. Oath or Declaration [Total Pages]	
a. <input type="checkbox"/> Newly executed (original or copy)	8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i>	9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
<input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)	12. <input type="checkbox"/> Preliminary Amendment
Prior Application Information: Examiner: _____ Group/Art Unit: _____	

ACCOMPANYING APPLICATION PARTS

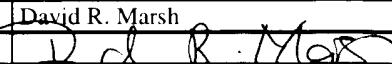
13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <i>(should be specifically itemized)</i>	14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	16. <input type="checkbox"/> Other: _____

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27). EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label or Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME	David R. Marsh, Esq.				
	HOWREY & SIMON				
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COUNTRY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name (Print/Type)	David R. Marsh		Registration No. (Attorney/Agent)	41,408	
Signature			Date	October 15, 1999	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

October 15, 1999

10/15/99
10/15/99
U.S. PTO

Box Patent Application

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Patent Application
Application No.: To Be Assigned
Filed: Herewith
For: **Nucleic Acid Molecules and Other
Molecules Associated with Plants**
Inventors: Joseph R. BYRUM
Atty. Docket: 04983.0119.US01/38-21(15598)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. Form PTO-1082;
3. U.S. Utility Patent Application entitled:

Nucleic Acid Molecules and Other Molecules Associated with Plants

and naming as inventors:

Joseph R. BYRUM

the application consisting of:

- a. A specification containing:
 - (i) 767 pages of a description prior to the claims;
 - (ii) 2 pages of claims (15 claims);
 - (iii) a one (1) page abstract; and
 - (iv) 15,379 pages of a sequence listing;

4. A CD-ROM containing the sequence listing;
5. Statement Regarding Sequence Submission; and
6. Two (2) return postcards.

This application is being filed **without** an executed Declaration and without fee.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)

Enclosures

HOWREY & SIMON
Box No. 34
1299 Pennsylvania Avenue, N.W.
Washington, D.C. 20004-2402
(202) 783-0800

Attorney Docket No. 04983.0119.US01/38-21(15598)B

ASSISTANT COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Joseph R. BYRUM
For: Nucleic Acid Molecules and Other Molecules Associated with Plants

Enclosed are:

U.S. Utility Patent Application (consisting of 767 pages of description prior to the claims; 2 pages of claims, 1 page abstract, and 15,379 pages of a sequence listing)
 CD-ROM containing the sequence listing
 Statement regarding Sequence Submission

This application is being filed without an executed Declaration and without fee

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)
FOR	NO. FILED
BASIC FEE	
TOTAL CLAIMS	- 20 = *
INDEP. CLAIMS	- 3 = *
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED	

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY		
RATE	FEE	OR	RATE	FEE
	385.00	OR		760.00
x 9 =		OR	x 18 =	
x 39 =		OR	x 78 =	
+ 130 =		OR	+ 260 =	
TOTAL	\$	OR	TOTAL	\$ 760.00

Please charge by Deposit Account No. 08-3038 in the amount of . A duplicate copy of this sheet is attached.

Howrey & Simon Check No. in the amount of \$ to cover the basic filing fee and extra claims fee is enclosed.

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Any additional filing fees required under 37 C.F.R. § 1.16.

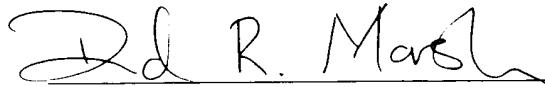
Any patent application processing fees under 37 C.F.R. § 1.17.

The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is attached.

Any patent application processing fees under 37 C.F.R. § 1.17.

The issue fee set in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).

Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

Date: October 15, 1999


David R. Marsh (Reg. No. 41,408)